

# Morbidity and Mortality

Weekly  
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 15, 1959

For the week ended August 15, a total of 476 cases of poliomyelitis was reported. Of these, 279 were paralytic and 137 nonparalytic. For the preceding week, the total was 432, including 245 paralytic cases, and for the week ended August 16, 1958, the total was 228 cases, of which 116 were paralytic. Cumulative totals of all cases and paralytic cases for 1959 and for similar periods of the preceding 5 years are as follows:

	Total	Paralytic
1959 -----	2,957	1,839
1958 -----	1,593	784
1957 -----	3,183	1,038
1956 -----	6,985	3,329
1955 -----	9,714	3,649
1954 -----	12,695	4,762

The increase in incidence of paralytic poliomyelitis for the week ended August 15 was concentrated in 3 geographic divisions, the East and West North Central and the East South Central. The New England, Middle Atlantic, and Pacific Divisions showed slight increases, while the West South Central and Mountain States showed slight decreases. The number reported by the South Atlantic States remained the same.

The 2 cases of paralytic poliomyelitis reported in the District of Columbia are the first cases there this year. Both were in unvaccinated individuals, and 1 was a fatal case. Type 1 polio virus was isolated from both. Five of the total number of cases in Tennessee represent delayed reports of cases with onset in June, and 3 of the cases in North Carolina had onset in June and early July. The report from Alabama states that 7

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	32d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 15, 1959	Ended Aug. 16, 1958	Median 1954-58	First 32 weeks			Since seasonal low week			
				1959	1958	Median 1954-58	1958-59	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	2	1	11	9	14	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	1	12	3	6	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	11	12	24	486	508	647	(1)	(1)	(1)	(1)
Diphtheria-----055	11	10	18	462	380	836	74	58	108	July 1
Encephalitis, infectious-----082	62	58	42	1,057	1,102	1,044	476	508	444	June 1
Hepatitis, infectious, and serum-----092, W998.5 pt.	387	246	282	14,028	9,572	13,005	19,445	13,891	20,914	Sept. 1
Malaria-----110-117	1	2	6	47	41	140	(1)	(1)	(1)	(1)
Measles-----085	1,607	2,581	1,779	359,788	701,505	556,546	411,177	699,945	586,315	Sept. 1
Meningococcal infections-----057	26	37	41	1,519	1,646	1,808	2,382	2,655	2,775	Sept. 1
Meningitis, other-----340	2223	113	---	2,473	1,873	---	---	---	---	---
Poliomyelitis-----080	476	228	894	2,957	1,593	6,985	2,689	1,406	6,006	Apr. 1
Paralytic-----080.0, 080.1	279	116	388	1,839	784	3,329	1,652	681	2,798	Apr. 1
Nonparalytic-----080.2	137	78	361	780	576	2,509	735	517	2,247	Apr. 1
Unspecified-----080.3	60	34	145	338	233	1,147	302	208	961	Apr. 1
Psittacosis-----086.2	2	7	6	75	100	188	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	3	2	4	(1)	(1)	(1)	(1)
Typhoid fever-----040	30	38	55	452	580	982	328	414	692	Apr. 1
Typhus fever, endemic-----101	1	3	1	25	47	75	19	36	51	Apr. 1
Rabies in animals-----	71	73	72	2,444	3,048	3,199	3,335	3,946	4,299	Oct. 1

<sup>1</sup>Data show no pronounced seasonal change in incidence.

<sup>2</sup>Includes 42 cases of aseptic meningitis; see footnotes to table 2.

of the cases for the current week occurred in Jackson County, 5 in Jefferson County, 3 in Madison County, and 2 in Montgomery County. Telegraphic reports from the State of Washington list all cases as unspecified. However, the Washington Weekly Communicable Disease Report for the week ended August 8 shows that 11 of the 26 cases reported by that date are classified as paralytic. In Oregon, slightly more than half of the cases reported this year have occurred in Multnomah County, which includes Portland.

The New York State Department of Health reports that the total figure for the current week includes 6 delayed reports from Rockland County. A total of 9 cases have been concentrated in 1 area of the county: 8 of these are paralytic and there has been 1 death. Two of the paralytic cases had 3 doses of vaccine, and the remainder, including the fatal case, had not received any injections.

The North Carolina communicable disease report for the week ended August 8 states that of the 63 paralytic cases reported by that date 45 were in persons who had not received any vaccine. Seven persons had received 3 doses. Forty-one cases were in males. Forty-one of the cases were in white persons, 18 in Negroes, and 4 in Indians. Sixty-two percent of the victims have been children under 5 years of age and 78 percent under 10 years of age. There have been 8 deaths, 4 of which were adults. Most of the cases have occurred in the eastern half of the State, particularly in Craven, Cumberland, Onslow, Robeson, and Wake Counties.

The Weekly Summary of Notifiable Diseases for Canada for the week ended August 1 shows that 139 cases of paralytic poliomyelitis have been reported since the first of the year, compared with 43 cases last year. There have been 33 cases in the Province of Newfoundland, compared with 3 last year. There have been 63 cases in the Province of Quebec, 14 in Ontario, and 10 in the Northwest Territories. These areas reported 11, 4, and 0 cases, respectively, for the same period last year.

## EPIDEMIOLOGICAL REPORTS

### Influenza

The Pan American Sanitary Bureau reports the isolation of type A2 influenza virus from throat washings taken at Port of Spain, Trinidad, on July 9. They also report that serologic studies carried out by the National Health Service of Chile in cooperation with the Bacteriological Institute of Chile reveal that about 80 to 90 percent of the population of the country have complement fixing antibodies and hemagglutination inhibitors against type A2 influenza virus. No evidence of influenza in epidemic form has been observed in this country during the current winter season.

### Infectious hepatitis

Dr. F. S. Leeder, Michigan Department of Health, reported there is unusual incidence of infectious hepatitis in a small village in the northern part of Michigan's lower peninsula. Preliminary investigation has revealed that there have been about 160 cases in a population of approximately 350 persons. The village is located on an outcropping of fissured limestone, and it is thought that the major source of infection is from wells which were flooded with sewage at the time of the spring runoff.

### Disease of unknown etiology

The California Surveillance Report, Epidemiological Notes, No. 20, states that within the past month the State Department of Public Health has received reports from 6 local health

jurisdictions of a syndrome characterized by vesicular lesions of the mucosa and skin. The illness has been classified by tentative names, such as canker sores, viral stomatitis, herpetic stomatitis, and "herpangina (?) with rash." Vesicular lesions occur on the buccal mucosa, tongue, and palate, with subsequent ulceration. Similar lesions on the skin have been described also, and 2 reports noted vesicular involvement of the palms and of the soles of the feet. The impression is that the incidence of the illness was unusually high, most of the cases being in infants and children but some in adults. No sequelae have been reported as yet. There has been no indication of central nervous system involvement.

### Schistosomiasis

Dr. John Mason, New Mexico Department of Public Health, reported that 7 persons became affected with dermatitis after trapping and banding ducks at a lake. The work required body immersion in the lake water for considerable periods of time during the day. Three of the group required treatment by a dermatologist, who clinically diagnosed the condition as schistosomose cercarial dermatitis. Examination of snails to be collected from the lake is planned. It is reported that this is the first report of suspect schistosomiasis (swimmer's itch) in New Mexico.

### Animal rabies

Information from the Pennsylvania Department of Health states that a disturbing picture of animal rabies has developed in Wayne and Bradford Counties on the northern border of the State. In Wayne County a diagnosis of rabies has been made in 10 animals—4 cattle, 4 foxes, a cat, and a dog. Bradford County has had 4 cases—3 foxes and 1 cat. Only 3 other cases have been reported in the rest of the State, these being in 3 separate counties. The New York State Department of Health has also reported rabies problems in several counties adjoining Pennsylvania.

### Shigellosis

Dr. Franklin H. Reeder, Pennsylvania Regional Medical Director, and Dr. William Stepanisky, Montgomery County (Pennsylvania) Medical Director, reported an outbreak of 21 confirmed cases of shigellosis which occurred in a small community of 73 dwellings, housing 285 persons, served by an approved municipal water supply. Stool specimens from 190 individuals were cultured, and *Shigella sonnei* was isolated in 21 instances. There were 58 additional cases of diarrhea of unconfirmed etiology. There were no fatalities and all the patients have recovered. The dates of onset ranged from July 12 to July 29; 12 of the 21 cases developed on July 24. The age distribution of the confirmed cases showed that 14 were from 1 to 14 years of age. The attack rate in this group was 11 percent. Sanitary conditions in the area were reported as most unsatisfactory. Sewerage consisted of pit privies which were overflowing, garbage was kept in open containers, and the area was infested with flies. Although the epidemiologic curve presented some characteristics of a single source epidemic, it is believed that this outbreak was the result of the extremely unsanitary environmental conditions. The source of the infection has not yet been identified.

### Gastroenteritis

Dr. James C. Hart, Connecticut State Department of Health, supplied information on an outbreak of gastroenteritis involving 39 of 132 girls living in a barracks. The girls came to Con-

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**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 16, 1958, AND AUGUST 15, 1959**

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (undulant fever)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		32d week		Cumulative first 32 weeks		082		32d week		Cumulative first 32 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES-----	11	12	11	10	462	380	62	58	387	246	14,028	9,572
NEW ENGLAND-----	-	-	-	-	5	5	4	1	17	16	450	352
Maine-----	-	-	-	-	-	-	-	-	5	1	80	49
New Hampshire-----	-	-	-	-	-	-	-	-	2	-	13	2
Vermont-----	-	-	-	-	-	-	-	-	-	-	22	13
Massachusetts-----	-	-	-	-	5	4	2	1	6	13	201	172
Rhode Island-----	-	-	-	-	-	-	1	-	-	-	42	45
Connecticut-----	-	-	-	-	-	1	1	-	4	2	92	71
MIDDLE ATLANTIC-----	-	-	1	-	42	30	17	10	71	52	2,117	1,214
New York-----	-	-	1	-	21	15	13	8	32	40	1,257	831
New Jersey-----	-	-	-	-	9	1	2	1	5	6	241	98
Pennsylvania-----	-	-	-	-	12	14	2	1	34	6	619	285
EAST NORTH CENTRAL-----	1	2	-	1	22	29	14	8	54	42	2,307	1,713
Ohio-----	-	-	-	-	7	6	8	1	18	10	684	550
Indiana-----	-	-	-	1	3	13	-	1	3	4	218	161
Illinois-----	1	1	-	-	8	4	4	4	15	8	480	421
Michigan-----	-	1	-	-	2	5	2	2	9	12	785	473
Wisconsin-----	-	-	-	-	2	1	-	-	9	8	140	108
WEST NORTH CENTRAL-----	6	-	-	1	37	72	3	1	23	24	1,091	844
Minnesota-----	-	-	-	-	18	30	-	-	7	8	261	114
Iowa-----	2	-	-	-	3	13	1	-	4	4	104	151
Missouri-----	-	-	-	1	3	13	-	-	10	3	317	160
North Dakota-----	-	-	-	-	2	3	-	1	2	7	219	142
South Dakota-----	-	-	-	-	3	5	-	-	-	-	10	9
Nebraska-----	3	-	-	-	8	8	1	-	-	-	53	55
Kansas-----	1	-	-	-	-	-	1	-	-	2	127	213
SOUTH ATLANTIC-----	1	3	4	6	115	100	4	11	25	14	1,265	708
Delaware-----	-	-	-	-	-	-	-	-	1	1	79	34
Maryland-----	-	-	-	-	7	3	-	1	6	1	300	82
District of Columbia-----	-	-	-	-	-	-	1	-	1	-	12	12
Virginia-----	-	-	-	-	7	15	-	-	7	-	272	169
West Virginia-----	-	-	-	-	1	9	-	-	2	3	232	108
North Carolina-----	-	-	-	-	9	13	1	2	1	2	72	39
South Carolina-----	-	-	4	-	12	11	-	8	-	-	23	36
Georgia-----	1	2	-	5	39	28	2	-	1	3	101	74
Florida-----	-	1	-	1	40	21	-	-	6	4	174	154
EAST SOUTH CENTRAL-----	1	-	1	1	51	33	5	2	16	11	1,231	829
Kentucky-----	-	-	-	-	7	4	-	-	4	5	577	388
Tennessee-----	1	-	-	-	5	4	1	-	6	4	280	218
Alabama-----	-	-	-	1	9	16	2	-	5	2	276	171
Mississippi-----	-	-	1	-	30	9	2	2	1	-	98	52
WEST SOUTH CENTRAL-----	1	3	4	-	168	79	4	5	36	17	1,113	758
Arkansas-----	-	-	-	-	34	12	-	1	1	1	52	80
Louisiana-----	-	2	-	-	41	6	-	-	2	-	97	6
Oklahoma-----	-	-	-	-	2	22	-	4	8	-	155	109
Texas-----	1	1	4	-	91	39	4	-	25	16	809	563
MOUNTAIN-----	1	1	-	1	14	26	1	2	35	15	1,913	1,293
Montana-----	-	-	-	-	-	7	-	1	2	2	185	256
Idaho-----	-	-	-	-	-	1	-	-	-	-	194	103
Wyoming-----	-	-	-	-	-	2	-	-	-	-	46	3
Colorado-----	1	-	-	-	4	5	-	-	16	4	590	148
New Mexico-----	-	-	-	-	8	9	-	1	2	1	374	240
Arizona-----	-	1	-	1	1	2	1	-	6	5	375	319
Utah-----	-	-	-	-	-	-	-	-	9	3	130	127
Nevada-----	-	-	-	-	1	-	-	-	-	-	19	97
PACIFIC-----	-	3	1	-	8	6	10	18	110	55	2,541	1,861
Alaska-----	-	-	-	-	1	-	-	-	1	-	23	(66)
Washington-----	-	-	-	-	-	-	1	-	7	7	337	310
Oregon-----	-	-	1	-	3	2	-	-	21	10	512	248
California-----	-	3	-	-	4	4	9	18	81	38	1,669	1,303
Hawaii-----	-	-	-	-	2	-	-	-	1	1	32	46
Puerto Rico-----	-	-	-	3	20	31	-	-	-	2	188	99

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 16, 1958, AND AUGUST 15, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080										MEASLES	
	Total <sup>1</sup>				Paralytic 080.0,080.1				Nonparalytic		085	
	32d week		Cumulative first 32 weeks		32d week		Cumulative first 32 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES-----	476	228	2,957	1,593	279	116	1,839	784	137	78	1,607	2,581
NEW ENGLAND-----	27	5	76	31	13	1	47	19	11	4	104	210
Maine-----	-	-	-	2	-	-	-	2	-	-	32	48
New Hampshire-----	1	1	1	1	-	-	-	-	-	1	-	4
Vermont-----	-	-	1	2	-	-	1	1	-	-	-	1
Massachusetts-----	8	1	21	7	4	-	14	3	4	1	46	93
Rhode Island-----	-	1	2	2	-	1	2	2	-	-	2	6
Connecticut-----	18	2	51	17	9	-	30	11	7	2	24	58
MIDDLE ATLANTIC-----	32	42	159	155	18	22	97	87	8	11	227	521
New York-----	23	19	100	75	14	12	61	43	4	6	165	229
New Jersey-----	3	17	26	64	1	5	15	31	1	4	42	121
Pennsylvania-----	6	6	33	16	3	5	21	13	3	1	20	171
EAST NORTH CENTRAL-----	75	69	319	264	28	31	136	109	58	24	280	600
Ohio-----	16	14	96	52	6	3	39	9	7	3	38	76
Indiana-----	7	3	48	18	3	3	29	12	-	-	-	20
Illinois-----	19	7	57	38	10	4	28	13	8	1	35	138
Michigan-----	31	42	103	139	8	20	31	68	23	20	70	205
Wisconsin-----	2	3	15	17	1	1	9	7	-	-	137	161
WEST NORTH CENTRAL-----	103	12	648	78	54	8	324	31	31	4	79	131
Minnesota-----	15	1	51	5	12	1	39	3	3	-	7	1
Iowa-----	25	3	219	20	11	-	98	4	11	3	11	86
Missouri-----	30	5	203	18	21	4	124	13	3	1	31	19
North Dakota-----	-	2	1	7	-	2	-	6	-	-	25	16
South Dakota-----	-	-	5	6	-	-	-	1	-	-	-	3
Nebraska-----	14	-	81	10	4	-	44	2	10	-	5	6
Kansas-----	19	1	88	12	6	1	19	2	4	-	(*)	(*)
SOUTH ATLANTIC-----	72	33	460	331	56	15	334	147	11	16	79	142
Delaware-----	-	4	4	10	-	-	4	4	-	4	2	2
Maryland-----	4	1	5	3	4	1	5	3	-	-	8	19
District of Columbia-----	2	-	2	5	2	-	2	3	-	-	2	2
Virginia-----	19	7	109	47	13	6	70	34	6	1	28	-
West Virginia-----	4	5	36	41	2	3	26	25	2	2	19	32
North Carolina-----	15	12	89	53	14	3	78	14	1	9	1	3
South Carolina-----	1	-	26	10	1	-	13	6	-	-	2	27
Georgia-----	18	3	63	21	12	1	48	15	1	-	-	25
Florida-----	9	1	126	141	8	1	88	43	1	-	17	32
EAST SOUTH CENTRAL-----	62	23	315	146	42	10	243	50	14	8	87	231
Kentucky-----	4	1	22	22	4	1	20	15	-	-	10	93
Tennessee-----	30	7	107	42	19	1	85	11	5	5	70	100
Alabama-----	26	6	127	21	19	6	107	19	7	-	-	29
Mississippi-----	2	9	59	61	-	2	31	5	2	3	7	9
WEST SOUTH CENTRAL-----	68	26	629	333	47	18	420	195	20	7	259	190
Arkansas-----	18	-	136	9	16	-	115	7	2	-	4	2
Louisiana-----	10	3	80	33	7	2	58	23	3	1	1	-
Oklahoma-----	6	1	82	37	3	-	43	11	2	-	6	16
Texas-----	34	22	331	254	21	16	204	154	13	6	248	172
MOUNTAIN-----	4	9	86	92	2	6	50	49	1	1	182	255
Montana-----	-	5	4	36	-	5	1	27	-	-	6	80
Idaho-----	-	1	5	4	-	-	-	-	-	-	7	6
Wyoming-----	-	-	2	2	-	-	1	1	-	-	4	2
Colorado-----	-	1	7	9	-	1	6	8	-	-	45	48
New Mexico-----	2	-	23	20	1	-	11	7	-	-	15	40
Arizona-----	2	1	41	13	1	-	30	4	1	1	23	59
Utah-----	-	1	2	6	-	-	-	2	-	-	64	20
Nevada-----	-	-	2	2	-	-	1	-	-	-	18	-
PACIFIC-----	33	9	265	163	19	5	188	97	3	3	310	301
Alaska-----	2	-	9	(1)	-	-	6	(1)	-	-	109	(38)
Washington-----	9	1	35	13	-	-	-	3	-	-	21	36
Oregon-----	7	1	46	16	6	-	35	11	1	1	52	41
California-----	15	7	175	134	13	5	147	83	2	2	128	224
Hawaii-----	-	5	4	53	-	5	4	53	-	-	13	17
Puerto Rico-----	-	-	3	47	-	-	3	44	-	-	42	41

<sup>1</sup>Includes cases not specified by type, category number 080.3.

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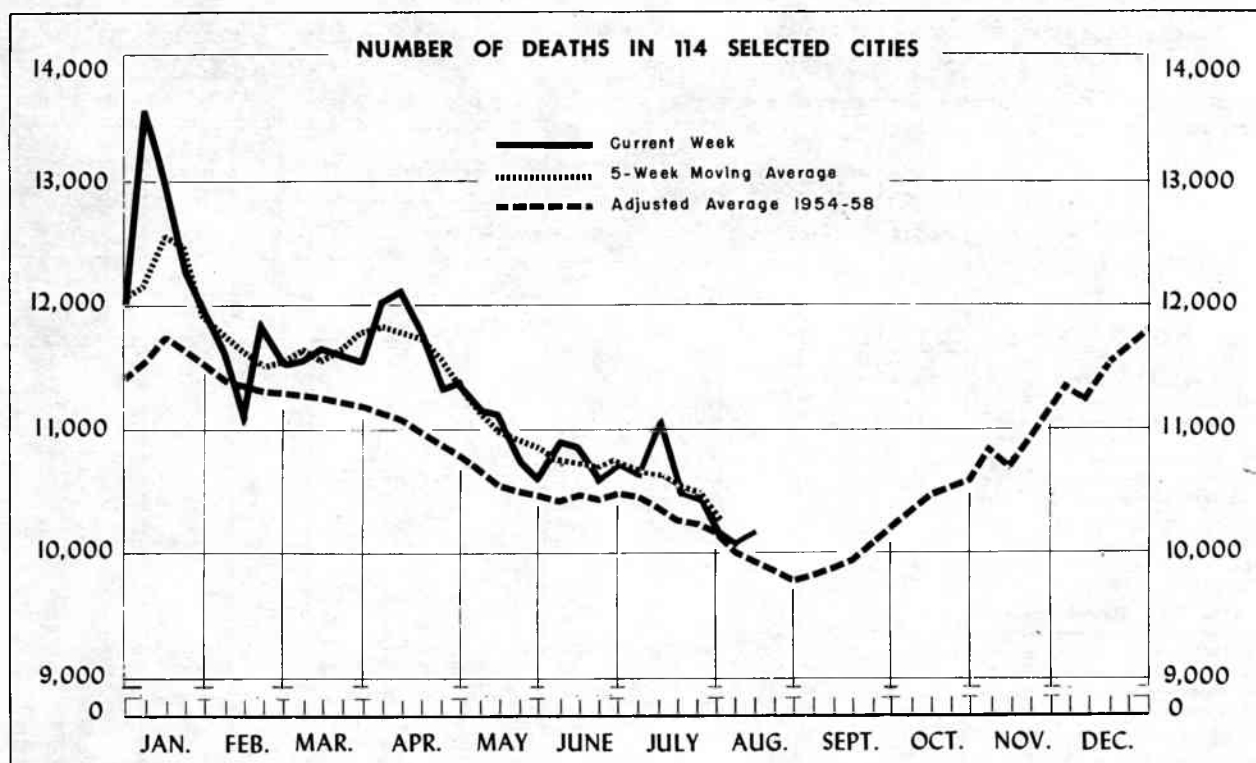
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 16, 1958, AND AUGUST 15, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MALARIA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117	057		340	096.2	32d week		Cumulative first 32 weeks		101		
	1959	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES-----	1	26	37	223	2	30	38	452	580	1	71	73
NEW ENGLAND-----	-	1	1	15	1	1	-	10	9	-	-	-
Maine-----	-	-	-	-	-	-	-	1	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	1	-	2 <sup>1</sup>	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	12	-	1	-	3	5	-	-	-
Rhode Island-----	-	-	-	2	-	-	-	1	-	-	-	-
Connecticut-----	-	-	-	-	1	-	-	5	2	-	-	-
MIDDLE ATLANTIC-----	-	1	7	2	-	3	6	40	68	-	21	10
New York-----	-	-	4	-	-	1	4	14	21	-	20	10
New Jersey-----	-	1	-	2 <sup>2</sup>	-	-	1	7	15	-	-	-
Pennsylvania-----	-	-	3	-	-	2	1	19	32	-	1	-
EAST NORTH CENTRAL-----	1	11	8	18	-	1	5	63	48	-	4	17
Ohio-----	-	1	2	-	-	1	3	35	18	-	-	-
Indiana-----	-	-	2	5	-	-	1	8	7	-	1	6
Illinois-----	1	-	-	11	-	-	1	12	9	-	-	-
Michigan-----	-	9	3	2	-	-	-	7	8	-	1	2
Wisconsin-----	-	1	1	-	-	-	-	1	6	-	2	9
WEST NORTH CENTRAL-----	-	3	3	3	-	3	2	26	48	-	12	21
Minnesota-----	-	-	2	1	-	-	-	-	3	-	6	11
Iowa-----	-	-	-	1	-	-	1	1	8	-	3	9
Missouri-----	-	-	1	-	-	1	-	12	23	-	1	1
North Dakota-----	-	1	-	-	-	-	-	2	1	-	-	-
South Dakota-----	-	-	-	-	-	-	-	3	5	-	-	-
Nebraska-----	-	2	-	-	-	-	1	1	2	-	1	-
Kansas-----	-	-	-	1	-	2	-	7	6	-	1	-
SOUTH ATLANTIC-----	-	2	5	106	-	5	10	76	109	-	8	8
Delaware-----	-	-	-	-	-	-	-	-	5	-	-	-
Maryland-----	-	1	1	-	-	1	1	2	5	-	-	-
District of Columbia-----	-	1	1	1	-	-	-	2	6	-	-	-
Virginia-----	-	-	2	18	-	2	-	17	20	-	4	-
West Virginia-----	-	-	-	81	-	-	2	4	13	-	1	-
North Carolina-----	-	-	1	1	-	-	1	6	14	-	-	-
South Carolina-----	-	-	-	1	-	1	2	7	8	-	-	5
Georgia-----	-	-	-	1	-	-	3	17	23	-	3	3
Florida-----	-	-	-	2 <sup>3</sup>	-	1	1	21	15	-	-	-
EAST SOUTH CENTRAL-----	-	2	3	9	1	1	4	58	68	1	13	8
Kentucky-----	-	2	-	1	-	1	1	9	18	-	6	2
Tennessee-----	-	-	-	-	-	-	1	30	18	-	3	2
Alabama-----	-	-	2	-	-	-	-	7	13	1	4	4
Mississippi-----	-	1	8	1	-	2	12	19	-	-	-	-
WEST SOUTH CENTRAL-----	-	3	1	21	-	9	9	102	140	-	11	5
Arkansas-----	-	-	-	-	-	2	2	19	19	-	2	1
Louisiana-----	-	1	1	-	-	1	-	14	54	-	-	-
Oklahoma-----	-	-	-	1	-	1	-	15	7	-	-	-
Texas-----	-	2	-	20	-	5	7	54	60	-	9	4
MOUNTAIN-----	-	2	-	6	-	2	1	23	47	-	-	2
Montana-----	-	-	-	-	-	-	-	1	2	-	-	-
Idaho-----	-	1	-	-	-	-	-	4	5	-	-	-
Wyoming-----	-	-	1	-	-	-	-	2	2	-	-	-
Colorado-----	-	1	-	3	-	-	-	3	5	-	-	-
New Mexico-----	-	-	-	2	-	1	-	8	18	-	-	2
Arizona-----	-	-	-	-	-	1	1	5	7	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	8	-	-	-
PACIFIC-----	-	1	9	43	-	5	1	54	43	-	2	2
Alaska-----	-	-	-	-	-	1	-	2	-	-	-	-
Washington-----	-	-	1	5	-	-	-	1	-	-	-	-
Oregon-----	-	-	-	2	-	2	-	4	7	-	-	-
California-----	-	1	8	2 <sup>36</sup>	-	2	1	47	36	-	2	2
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	13	15	-	-	-

<sup>2</sup>Aseptic meningitis.

## Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

AREA	32d week ended Aug. 15, 1959	31st week ended Aug. 8, 1959	Adjusted average, 32d week 1954-58	Percent change, adjusted average to current week <sup>1</sup>	CUMULATIVE NUMBER FIRST 32 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	<sup>2</sup> 10,180	10,092	9,939	+2.4	<sup>2</sup> 361,421	362,042	-0.2
New England----- (14 cities)	665	646	621	+7.1	22,902	22,880	+0.1
Middle Atlantic----- (20 cities)	2,895	2,789	2,806	+3.2	104,880	104,681	+0.2
East North Central----- (19 cities)	<sup>2</sup> 2,110	2,153	2,128	-0.8	<sup>2</sup> 76,859	76,945	-0.1
West North Central----- (9 cities)	730	745	719	+1.5	25,152	25,563	-1.6
South Atlantic----- (11 cities)	855	850	843	+1.4	31,112	31,716	-1.9
East South Central----- (8 cities)	<sup>2</sup> 491	482	477	+2.9	<sup>2</sup> 16,421	16,982	-3.3
West South Central----- (13 cities)	929	916	841	+10.5	30,288	30,794	-1.6
Mountain----- (8 cities)	<sup>2</sup> 287	284	240	+19.6	<sup>2</sup> 10,201	9,594	+6.3
Pacific----- (12 cities)	1,218	1,227	1,205	+1.1	43,606	42,887	+1.7

<sup>1</sup>Adjusted average used as base.

<sup>2</sup>Includes estimates for missing cities.



## Morbidity and Mortality Weekly Report

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	32d week ended Aug. 15, 1959	31st week ended Aug. 8, 1959	CUMULATIVE NUMBER FIRST 32 WEEKS		AREA	32d week ended Aug. 15, 1959	31st week ended Aug. 8, 1959	CUMULATIVE NUMBER FIRST 32 WEEKS	
			1959	1958				1959	1958
NEW ENGLAND:									
Boston, Mass.-----	227	202	7,781	7,868	WEST NORTH CENTRAL—Con.:				
Bridgeport, Conn.-----	32	32	1,311	1,226	St. Louis, Mo.-----	211	256	7,655	7,906
Cambridge, Mass.-----	24	29	916	949	St. Paul, Minn.-----	64	25	2,072	2,374
Fall River, Mass.-----	26	20	923	893	Wichita, Kans.-----	50	61	1,556	1,458
Hartford, Conn.-----	53	53	1,608	1,625	SOUTH ATLANTIC:				
Lowell, Mass.-----	24	22	748	856	Atlanta, Ga.-----	109	99	3,557	3,554
Lynn, Mass.-----	25	16	749	730	Baltimore, Md.-----	220	214	7,887	8,078
New Bedford, Mass.-----	19	26	768	768	Charlotte, N. C.-----	31	29	1,191	1,148
New Haven, Conn.-----	49	35	1,452	1,471	Jacksonville, Fla.-----	44	53	1,861	1,985
Providence, R. I.-----	54	50	2,087	2,062	Miami, Fla.-----	67	45	2,263	2,390
Somerville, Mass.-----	14	10	419	454	Norfolk, Va.-----	31	39	1,272	1,151
Springfield, Mass.-----	42	42	1,444	1,384	Richmond, Va.-----	56	85	2,510	2,470
Waterbury, Conn.-----	29	32	894	852	Savannah, Ga.-----	38	30	1,068	1,082
Worcester, Mass.-----	47	77	1,802	1,742	St. Petersburg, Fla.-----	(40)	(59)	(2,070)	(2,162)
					Tampa, Fla.-----	73	34	2,037	2,248
					Washington, D. C.-----	164	182	6,231	6,394
					Wilmington, Del.-----	22	40	1,235	1,216
MIDDLE ATLANTIC:									
Albany, N. Y.-----	37	47	1,750	1,589	EAST SOUTH CENTRAL:				
Allentown, Pa.-----	26	29	1,128	1,070	Birmingham, Ala.-----	87	72	2,625	2,862
Buffalo, N. Y.-----	125	130	4,683	4,887	Chattanooga, Tenn.-----	42	41	1,477	1,586
Camden, N. J.-----	37	30	1,321	1,388	Knoxville, Tenn.-----	24	28	943	894
Elizabeth, N. J.-----	31	22	949	956	Louisville, Ky.-----	189	111	23,613	3,563
Erie, Pa.-----	40	26	1,209	1,123	Memphis, Tenn.-----	118	111	3,593	3,770
Jersey City, N. J.-----	79	53	2,405	2,305	Mobile, Ala.-----	39	27	1,251	1,283
Newark, N. J.-----	91	80	3,218	3,125	Montgomery, Ala.-----	34	29	1,051	1,095
New York City, N. Y.-----	1,449	1,442	53,632	52,863	Nashville, Tenn.-----	58	63	1,868	1,929
Paterson, N. J.-----	52	42	1,258	1,341	WEST SOUTH CENTRAL:				
Philadelphia, Pa.-----	457	481	16,121	16,543	Austin, Tex.-----	30	37	1,034	1,086
Pittsburgh, Pa.-----	195	130	6,039	6,259	Baton Rouge, La.-----	27	19	872	914
Reading, Pa.-----	17	16	717	695	Corpus Christi, Tex.-----	26	22	679	680
Rochester, N. Y.-----	67	83	3,095	3,254	Dallas, Tex.-----	99	124	3,779	3,737
Schenectady, N. Y.-----	26	29	811	730	El Paso, Tex.-----	35	45	1,182	1,166
Scranton, Pa.-----	23	17	1,196	1,139	Fort Worth, Tex.-----	58	63	2,055	2,000
Syracuse, N. Y.-----	43	65	2,011	2,000	Houston, Tex.-----	160	141	5,001	5,116
Trenton, N. J.-----	49	28	1,411	1,567	Little Rock, Ark.-----	50	70	1,771	1,732
Utica, N. Y.-----	20	15	897	870	New Orleans, La.-----	172	152	5,405	5,766
Yonkers, N. Y.-----	31	24	1,029	977	Oklahoma City, Okla.-----	76	63	2,211	2,200
					San Antonio, Tex.-----	100	91	3,091	3,163
					Shreveport, La.-----	59	40	1,637	1,587
					Tulsa, Okla.-----	37	49	1,571	1,647
EAST NORTH CENTRAL:									
Akron, Ohio-----	54	46	1,908	1,858	MOUNTAIN:				
Canton, Ohio-----	30	28	1,079	1,002	Albuquerque, N. Mex.-----	33	39	994	915
Chicago, Ill.-----	678	684	24,333	24,560	Colorado Springs, Colo.-----	11	18	496	483
Cincinnati, Ohio-----	128	179	5,138	5,264	Denver, Colo.-----	104	107	3,746	3,650
Cleveland, Ohio-----	190	191	6,693	6,740	Ogden, Utah-----	114	18	2,510	477
Columbus, Ohio-----	95	106	3,704	3,624	Phoenix, Ariz.-----	46	40	1,656	1,453
Dayton, Ohio-----	156	58	2,163	2,330	Pueblo, Colo.-----	14	12	440	409
Detroit, Mich.-----	285	299	10,512	10,295	Salt Lake City, Utah-----	44	41	1,600	1,543
Evansville, Ind.-----	32	27	1,211	1,273	Tucson, Ariz.-----	21	9	759	664
Flint, Mich.-----	32	28	1,293	1,217	PACIFIC:				
Fort Wayne, Ind.-----	51	16	1,152	1,136	Berkeley, Calif.-----	19	15	556	616
Gary, Ind.-----	28	21	984	1,056	Fresno, Calif.-----	(39)	(38)	(1,288)	(1,221)
Grand Rapids, Mich.-----	36	41	1,362	1,336	Glendale, Calif.-----	(33)	(29)	(1,161)	(1,087)
Indianapolis, Ind.-----	120	114	4,492	4,102	Long Beach, Calif.-----	52	53	1,784	1,768
Madison, Wis.-----	---	(45)	---	(1,025)	Los Angeles, Calif.-----	427	441	15,629	15,686
Milwaukee, Wis.-----	105	118	4,113	4,322	Oakland, Calif.-----	95	80	2,973	3,009
Peoria, Ill.-----	17	31	935	1,038	Pasadena, Calif.-----	20	33	1,030	1,138
Rockford, Ill.-----	---	(20)	---	(870)	Portland, Oreg.-----	70	123	3,614	3,227
South Bend, Ind.-----	32	18	858	858	Sacramento, Calif.-----	56	49	1,776	1,674
Toledo, Ohio-----	97	96	3,217	3,217	San Diego, Calif.-----	76	88	2,621	2,658
Youngstown, Ohio-----	44	52	1,712	1,717	San Francisco, Calif.-----	181	146	6,300	6,068
					San Jose, Calif.-----	(21)	(17)	(808)	(724)
					Seattle, Wash.-----	134	110	4,360	4,335
					Spokane, Wash.-----	45	47	1,600	1,475
					Tacoma, Wash.-----	43	42	1,363	1,233
					Honolulu, Hawaii-----	(34)	(35)	(1,206)	(1,187)
WEST NORTH CENTRAL:									
Des Moines, Iowa-----	39	48	1,705	1,762					
Duluth, Minn.-----	20	16	831	821					
Kansas City, Kans.-----	36	36	1,121	850					
Kansas City, Mo.-----	124	105	3,863	3,985					
Lincoln, Nebr.-----	(24)	(16)	(828)	(805)					
Minneapolis, Minn.-----	124	135	4,021	4,115					
Omaha, Nebr.-----	62	63	2,328	2,292					

<sup>1</sup>Estimated.<sup>2</sup>Includes estimate for current week.

## EPIDEMIOLOGICAL REPORTS—Continued

necitcut from out of State to work in the tobacco fields for the summer. The girls carry lunches prepared about 4:00 a.m. to the fields. The lunches are kept unrefrigerated until noon. The luncheon sandwiches contained an egg mixture and a minced ham cold cut. The illnesses began about midnight and were characterized by diarrhea and abdominal pain, lasting only a few hours. No sandwiches were available for laboratory examination. Stool specimens from the 5 foodhandlers and 6 of the patients showed no enteric pathogens.

Dr. Hafner, New York State District Health Department, reported an outbreak of gastroenteritis among persons in an institution. The suspect food was chicken fricassee, and samples of this food "yielded tremendous numbers of bacteria, none of which is known to be an etiologic agent associated with food poisoning." Food handling practices in the institution were reported to be poor.

T. E. Bain, Portland (Oregon) Bureau of Health, reported an outbreak of gastroenteritis affecting 63 of 118 women who ate a luncheon at a restaurant. Symptoms of extreme nausea and vomiting developed from 24 to 36 hours after the meal. The menu included chicken salad, toast, rolls, coffee, and gelatin dessert with pineapple and sherbet. The chicken salad was the suspect food but none was available for laboratory examination. Tests made on leftover mayonnaise and scrapings from the table on which the chicken was prepared were negative. Stool specimens from 2 of the patients were negative for *Salmonella*. It was reported that a club member who acted as "greeter" for the luncheon had 2 children at home with "flu" and that she later became ill herself.

## QUARANTINE MEASURES

Immunization Information for International Travel  
Public Health Service Publication No. 384 (1958)

Changes Reported

The following names should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

State and city	Center	Clinic hours	Fee
California Avon	Avon Refinery Dispensary Tel. Academy 8-1220	Monday-Friday 1-3 p.m.	No
Delaware Delaware City	Tidewater Oil Company Medical Department Wrangle Hill Road Tel. 4-4581, ext. 344	By appointment only	No
Florida Pensacola	Escambia County Health Department 2251 North Palafox St. Tel. HE 8-8571	2d and 4th Thursday 3 p.m. by appointment only	No

## EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	( )

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

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